

## 2003 International Residential Code

**Table R301.2(1)**

### CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA FOR KING COUNTY

Ground snow load	Wind speed (mph)	Seismic design category	Subject to damage from				Winter design temp.	Ice- shield required	Flood hazards	Air freezing index	Mean annual temp.
			Weathering	Frost line depth	Termite	Decay					
Varies <sub>1</sub>	85	D1 or D2 <sub>2</sub>	Moderate	12" < 1,000ft elev. <sub>3</sub>	Slight to Mod.	Slight to Mod.	25	No	Varies <sub>4</sub>	100 to 250	50

1. The "Snow Load Analysis for Washington" Second Edition (1995), published by the Structural Engineers Association of Washington, shall be used in determining snow load except where the department determines by public rule that a different standard is necessary to protect the public health and safety. The minimum roof snow load shall be 25 pounds per square feet.

2. Seismic design category shall be D1 for areas of unincorporated King County to the east of the Snoqualmie River as it traverses from the King County—Snohomish County line to the city limits of Snoqualmie, east of the town of Snoqualmie, east of the Snoqualmie Parkway and the Echo Lake-Snoqualmie Cut-off SE as they run from the city limits of the town of Snoqualmie to State Highway 18 and to the south or east of State Highway 18. All other portions of unincorporated King County shall be seismic design category D2.

3. The frost line depth shall be considered to be 12 inches for sites up to an elevation of 1000 feet above sea level. For sites over 1,000 feet above sea level a specific site analysis may be required.

4. Flood hazard within King County varies. See the flood hazard code provisions of KCC 21A.24.